

CLAIMS

What is claimed is:

1. In a structure having one or more exposed sides with at least one window opening within a side for occupant viewing, an armor system of improved ability is provided to prevent projectile passage through said opening, the armor system comprising:
 - a. a plate of transparent armor within said opening;
 - b. a cover of transparent material within the opening remote from said plate and closer to the exposed side than said plate;
 - c. wherein said cover fails globally when struck by a projectile launched at said cover by a threat weapon;
 - d. an opaque armor panel coaxially positioned below said cover and within a common plane;
 - e. means for connecting said panel with said cover; and
 - f. means at the lower edge of said panel for translating the panel toward the position of said cover within the opening.
2. The armor system of Claim 1 wherein the structure is a security vehicle.
3. The armor system of Claim 1 wherein the cover is a sheet of tempered glass.
4. The armor system of Claim 1 wherein the translating means is selected from the group consisting of a spring assembly, a hydraulic cylinder, and a pneumatic cylinder.
5. In a structure having an exposed wall with a window opening through said side for occupant viewing, an armor system of improved ability is provided to defeat passage of a succession of projectiles through said opening, the armor system comprising:

- a. a transparent armor plate within said opening remote from said exposed wall;
- b. a cover of transparent material within the opening remote from said plate and closer to the exposed wall than said plate;
- c. wherein said cover fails globally when struck by a projectile launched at said cover by a threat weapon;
- d. an opaque armor panel coaxially positioned below said cover and within a common plane;
- e. means for connecting said panel with said cover;
- f. means at the lower edge of said panel for translating the panel toward the position of said cover within the opening;
- g. panel edges adjacent to the lower edge of said panel; and
- h. means at said panel edges for guiding the panel toward the position of the cover in the opening.

6. The armor system of Claim 5 wherein the guiding means comprises vertical guides disposed along peripheral edges of the panel.